

What is claimed is:

1. A network interface card, comprising:  
cardbus interface for digital signal processing  
and controlling the information transmission;  
DSP (digital signal processor) connected to said  
cardbus interface to process the digital signal;  
D/A converter connected to said DSP to transform  
the digital signal to analog signal;  
a transmitter amplify coupled to said D/A  
converter to amplify the transformed signal;  
a multi-level filter connected to said A/D  
converter;  
a protection circuit coupled to said transmitter  
amplify; and  
a phone jack connected to said protection circuit  
for plugging a transmission line to communicate to  
outside.

2. The network interface card of claim 1, wherein  
said protection circuit includes current protector.

3. The network interface card of claim 1, wherein  
said protection circuit includes bias protector.

4. The network interface card of claim 1, wherein said protection circuit includes lightning protector.

5. The network interface card of claim 1, wherein said protection circuit includes high voltage to low voltage transformer.

6. The network interface card of claim 1, wherein said multi-level filter includes three-level filter.

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